

BMW V38.70 Diagnostics List (Note: For reference only)

Menu				Functions						
Series	Chassis	Module	ECU System	Sys. Info.	Read code	Clear code	Data Stream	Actuation	Special Functions	Others
		Driver	CAS Car Access System	√	√	√	√	√		
			DDE Diesel Electronics	√	√	√	√	√		
			DME Digital Motor Electronics	√	√	√	√	√		
			EGS Transmission control	√	√	√	√	√		
			EKPS Fuel-pump control	√	√	√	√	√		
		Chassis	AL Active steering	√	√	√	√	√		
			DSC Dynamic Stability Control	√	√	√	√	√		
			EPS Electronic Power Steering	√	√	√	√	√		
			RDC Tyre pressure control	√	√	√	√	√		
			AMP Amplifier	√	√	√	√	√		
			AHM Trailer module	√	√	√	√	√		
			CA Comfort Access	√	√	√	√	√		
			CCC-A Applications	√	√	√	√	√		
			CCC-ANT Aerial tuner	√	√	√	√	√		
			CCC-ASK Audio system controller	√	√	√	√	√		
			CCC-BO User interface	√	√	√	√	√		
			CCC-GW Gateway	√	√	√	√	√		
			CDC CD Changer	√	√	√	√	√		
			CHAMP-BO User interface	√	√	√	√	√		
			CHAMP-GW Gateway	√	√	√	√	√		
			CID Central Information Display	√	√	√	√	√		
			CON Controller	√	√	√	√	√		
			CVM Convertible-top module	√	√	√	√	√		
			DAB Digital tuner	√	√	√	√	√		
			DWA Antitheft alarm system	√	√	√	√	√		
			FRM Footwell Module	√	√	√	√	√		
			FRM2 Footwell module 2	√	√	√	√	√		

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Series	Chassis	Module	ECU System	Sys. Info.	Read code	Clear code	Data Stream	Actuation	Special Functions	Others
1 Series	E81/E82 /E87/E88	Body	FZD Function centre, roof	√	√	√	√	√		
			IHR Integrated heater control	√	√	√	√	√		
			IHKR Interagted heating/air-conditioning regulation	√	√	√	√	√		
			IHKA Integrated automatic heating/air conditioning	√	√	√	√	√		
			INSTR Instrument cluster	√	√	√	√	√		
			ument cluster	√	√	√	√	√		
			JBE Junction-box electronics	√	√	√	√	√		
			JBE2 Junction Box electronics 2	√	√	√	√	√		
			JNAV Navigation system, Japan	√	√	√	√	√		
			M-ASK-BO User interface	√	√	√	√	√		
			M-ASK-GW Gateway	√	√	√	√	√		
			M-ASK-NAV Navigation system	√	√	√	√	√		
			MRS Multiple Restraint system	√	√	√	√	√		
			PDC Park Distance Control	√	√	√	√	√		
			RAD Radio	√	√	√	√	√		
			RAD2-BO User interface	√	√	√	√	√		
			RAD2-GW Gateway	√	√	√	√	√		
			RLSS Rain/light solar sensor	√	√	√	√	√		
			SDARS satellite tuner	√	√	√	√	√		
			SINE Siren with tilt sensor	√	√	√	√	√		
			SMBF Seat module, passenger	√	√	√	√	√		
			SMFA Seat module, driver	√	√	√	√	√		
			TCU Telematic Control unit	√	√	√	√	√		
			ULF Universal charging and hands-free facility	√	√	√	√	√		
			ULF-SBX Interface box	√	√	√	√	√		

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Series	Chassis	Module	ECU System	Sys. Info.	Read code	Clear code	Data Stream	Actuation	Special Functions	Others
			ULF-SBX-H Interface box High	√	√	√	√	√		
		Short test		√	√	√				
		Coding / Program	Maintenance \ CBS Reset						1.Engine Oil 2.Microfilter 3.Front barke 4.Rear brake 5.Vehicle check 6.Spark plugs 7.Brake fluid 8.Vehicle inspection 9.Exhaust emission inspection 10.Diesel particle filter	
			Service functions						Adjustment, Steering-angle sensor	
		Driver	DME Digital Motor Electronics	√	√	√	√	√		
			EGS Transmission control	√	√	√	√	√		
			EWS (Elec. immobilize system)	√	√	√	√	√		
		Chassis	ABS Antilock brake	√	√	√	√	√		
			EHC/EDC (Signal-axle air suspension)	√	√	√	√	√		
			ADS Throttle-Valve Control	√	√	√	√	√		
			AHK (Active-Axle Kinematics)	√	√	√	√	√		
			CVM Convertible-top module	√	√	√	√	√		
			DWA Antitheft alarm system	√	√	√	√	√		
			EKM (Electronic Body Module)	√	√	√	√	√		
			EML (Elec. throttle)	√	√	√	√	√		

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Menu				Functions						
Series	Chassis	Module	ECU System	Sys. Info.	Read code	Clear code	Data Stream	Actuation	Special Functions	Others
	E30	Body	FHK (Rear Heater A/C System)	√	√	√	√	√		
			GR (Cruise control)	√	√	√	√	√		
			GSA (Closed-Loop-Controlled Differential-Lock AWD)	√	√	√	√	√		
			IHKA/IHKB (AC/heater)	√	√	√	√	√		
			IKE/IKI/KOMBI	√	√	√	√	√		
			LSZ/LCM (Light switching center)	√	√	√	√	√		
			MID (Multi Information Display)	√	√	√	√	√		
			PDC Park Distance Control	√	√	√	√	√		
			RAD (Radio)	√	√	√	√	√		
			SHD Sliding/tilting sunroof	√	√	√	√	√		
			SPM/SM	√	√	√	√	√		
			SRS (Air bag)	√	√	√	√	√		
			URS (Rollover sensor)	√	√	√	√	√		
			VMX (Top-speed Regulation)	√	√	√	√	√		
			VNC (Variable Camshaft Control)	√	√	√	√	√		
			XEN (XENON LIGHTS)	√	√	√	√	√		
			ZKE (Central body electronic)	√	√	√	√	√		
		Coding / Program	ZCS/FA Coding						1.Display Coding code and print	
			Service functions						1. Key Test 2. Display status of all keys 3. Disable/Enable key	
		Driver	DME Digital Motor Electronics	√	√	√	√	√		
			EGS Transmission control	√	√	√	√	√		
			EWS (Elec. immobilize system)	√	√	√	√	√		

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Menu				Functions						
Series	Chassis	Module	ECU System	Sys. Info.	Read code	Clear code	Data Stream	Actuation	Special Functions	Others
		Chassis	ABS Antilock brake	√	√	√	√	√		
			EHC/EDC (Signal-axle air suspension)	√	√	√	√	√		
		Body	ADS Throttle-Valve Control	√	√	√	√	√		
			AHK (Active-Axle Kinematics)	√	√	√	√	√		
			CVM Convertible-top module	√	√	√	√	√		
			DWA Antitheft alarm system	√	√	√	√	√		
			EKM (Electronic Body Module)	√	√	√	√	√		
			EML (Elec. throttle)	√	√	√	√	√		
			FHK (Rear Heater A/C System)	√	√	√	√	√		
			GR (Cruise control)	√	√	√	√	√		
			GSA (Closed-Loop-Controlled Differential-Lock AWD)	√	√	√	√	√		
			IHKA/IHKB (AC/heater)	√	√	√	√	√		
			IKE/IKI/KOMBI	√	√	√	√	√		
			LSZ/LCM (Light switching center)	√	√	√	√	√		
			MID (Multi Information Display)	√	√	√	√	√		
			PDC Park Distance Control	√	√	√	√	√		
			RAD (Radio)	√	√	√	√	√		
			SHD Sliding/tilting sunroof	√	√	√	√	√		
			SPM/SM	√	√	√	√	√		
			SRS (Air bag)	√	√	√	√	√		
			URS (Rollover sensor)	√	√	√	√	√		
			VMX (Top-speed Regulation)	√	√	√	√	√		
			VNC (Variable Camshaft Control)	√	√	√	√	√		
			XEN (XENON LIGHTS)	√	√	√	√	√		
			ZKE (Central body electronic)	√	√	√	√	√		

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Series	Chassis	Module	ECU System	Sys. Info.	Read code	Clear code	Data Stream	Actuation	Special Functions	Others
	E36		ZCS/FA Coding						1.Display Coding code and print	
			CAR MEMORY\LIGHTING\External lights\Daytime driving light						1.Active 2.Not active	
			CAR MEMORY\LIGHTING\External lights\Home lights						1.Not active 2.40 s 3.90 s 4.150 s 5.240 s	
			CAR MEMORY\LIGHTING\Interior lighting\ON during unlock						1.Active 2.Not active	
			CAR MEMORY\LIGHTING\Interior lighting\ON at terminal R off, light on beforehand						1.Active 2.Not active	
			CAR MEMORY\LIGHTING\Interior lighting\Soft ON/OFF						1.Active 2.Not active	
			CAR MEMORY\ANTI-THEFT SYSTEM\Interior lighting\Interior sensor						1.Active 2.Not active	
			CAR MEMORY\ANTI-THEFT SYSTEM\Interior lighting\Tilt alarm sensor						1.Active 2.Not active	
			CAR MEMORY\ANTI-THEFT SYSTEM\Interior lighting\Arm/disarm						1.remote control 2.locks and remote control	

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Menu				Functions						
Series	Chassis	Module	ECU System	Sys. Info.	Read code	Clear code	Data Stream	Actuation	Special Functions	Others
		Coding / Program	CAR MEMORY\ANTI-THEFT SYSTEM\Interior lighting\Acknowledge\Disarm visually						1.Active 2.Not active	
			CAR MEMORY\ANTI-THEFT SYSTEM\Interior lighting\Acknowledge\Arm visually						1.Active 2.Not active	
			CAR MEMORY\ANTI-THEFT SYSTEM\Interior lighting\Acknowledge\Arm visually, lids closed						1.Active 2.Not active	
			CAR MEMORY\CENTRAL LOCKING\RC interior light						1.Active 2.Not active	
			CAR MEMORY\CENTRAL LOCKING\Open luggage compartment via remote control						1.when disarmed 2.always	
			CAR MEMORY\CENTRAL LOCKING\Lock again 2 min after unlocking without opening						1.Active 2.Not active	
			CAR MEMORY\CENTRAL LOCKING\Automatic locking after starting off						1.Active 2.Not active	
			CAR MEMORY\CENTRAL LOCKING\Centre lock button, when locked						1.Active 2.Not active	
			CAR MEMORY\CENTRAL LOCKING\Entrance aid						1.Active 2.Not active	

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Menu				Functions						
Series	Chassis	Module	ECU System	Sys. Info.	Read code	Clear code	Data Stream	Actuation	Special Functions	Others
			Service functions						1. Key Test 2. Display status of all keys 3. Disable/Enable key	
		Driver	DME Digital Motor Electronics	√	√	√	√	√	1.Clear Adaptation. 2.DME/DDE-EWS Syn.	
			EGS Transmission control	√	√	√	√	√		
			EWS (Elec. immobilize system)	√	√	√	√	√		
		Chassis	ABS Antilock brake	√	√	√	√	√		
			LEW (Steering-angle sensor)	√	√	√	√	√		
			MFL (Multi-function steering wheel)	√	√	√	√	√		
			RDC (Tyre pressure control)	√	√	√	√	√		
		Body	BIT (Basis Interface Telephone)	√	√	√	√	√		
			BM (On-board monitor)	√	√	√	√	√		
			CVM Convertible-top module	√	√	√	√	√		
			GR (Cruise control)	√	√	√	√	√		
			IHKA/IHKB (AC/heater)	√	√	√	√	√		
			IKE/IKI/KOMBI	√	√	√	√	√		
			LSZ/LCM (Light switching center)	√	√	√	√	√		
			PDC Park Distance Control	√	√	√	√	√		
			RAD (Radio)	√	√	√	√	√		
			SHD Sliding/tilting sunroof	√	√	√	√	√		
			SMB (Entrance aid,passenger)	√	√	√	√	√		
			SMF (Seat memory,driver)	√	√	√	√	√		
			SPMBT (Mirror memory,passenger)	√	√	√	√	√		
			SPMFT (Mirror memory,driver)	√	√	√	√	√		

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Menu				Functions						
Series	Chassis	Module	ECU System	Sys. Info.	Read code	Clear code	Data Stream	Actuation	Special Functions	Others
3 Series	E46		SRS (Air bag)	√	√	√	√	√		
			SZM (Switching center, center console)	√	√	√	√	√		
			URS (Rollover sensor)	√	√	√	√	√		
			ZKE (Central body electronic)	√	√	√	√	√		
			ZCS/FA Coding						1.Display Coding code and print	
			ZCS/FA Coding \ Recoding \ ABS						1.ABS 2.LCM/LSZ 3.GM(ZKE)	
			CAR MEMORY\LIGHTING\External lights\Daytime driving light						1.Active 2.Not active	
			CAR MEMORY\LIGHTING\External lights\Home lights						1.Not active 2.40 s 3.90 s 4.150 s 5.240 s	
			CAR MEMORY\LIGHTING\Interior lighting\ON during unlock						1.Active 2.Not active	
			CAR MEMORY\LIGHTING\Interior lighting\ON at terminal R off, light on beforehand						1.Active 2.Not active	
			CAR MEMORY\LIGHTING\Interior lighting\Soft ON/OFF						1.Active 2.Not active	
			CAR MEMORY\ANTI-THEFT SYSTEM\Interior lighting\Interior sensor						1.Active 2.Not active	

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Menu				Functions						
Series	Chassis	Module	ECU System	Sys. Info.	Read code	Clear code	Data Stream	Actuation	Special Functions	Others
		Coding / Program	CAR MEMORY\ANTI-THEFT SYSTEM\Interior lighting\Tilt alarm sensor						1.Active 2.Not active	
			CAR MEMORY\ANTI-THEFT SYSTEM\Interior lighting\Arm/disarm						1.remote control 2.locks and remote control	
			CAR MEMORY\ANTI-THEFT SYSTEM\Interior lighting\Acknowledge\Disarm visually						1.Active 2.Not active	
			CAR MEMORY\ANTI-THEFT SYSTEM\Interior lighting\Acknowledge\Arm visually						1.Active 2.Not active	
			CAR MEMORY\ANTI-THEFT SYSTEM\Interior lighting\Acknowledge\Arm visually, lids closed						1.Active 2.Not active	
			CAR MEMORY\CENTRAL LOCKING\RC interior light						1.Active 2.Not active	
			CAR MEMORY\CENTRAL LOCKING\Open luggage compartment via remote control						1.when disarmed 2.always	
			CAR MEMORY\CENTRAL LOCKING\Lock again 2 min after unlocking without opening						1.Active 2.Not active	
			CAR MEMORY\CENTRAL LOCKING\Automatic locking after starting off						1.Active 2.Not active	

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Menu				Functions						
Series	Chassis	Module	ECU System	Sys. Info.	Read code	Clear code	Data Stream	Actuation	Special Functions	Others
			CAR MEMORY\CENTRAL LOCKING\Centre lock button, when locked						1.Active 2.Not active	
			CAR MEMORY\CENTRAL LOCKING\Entrance aid						1.Active 2.Not active	
			Service functions						1. Key Test 2. Display status of all keys 3. Disable/Enable key	
		Driver	CAS Car Access System	√	√	√	√	√		
			DME Digital Motor Electronics	√	√	√	√	√		
			EGS Transmission control	√	√	√	√	√		
			GWS Gear selector switch	√	√	√	√	√		
			EKPS Fuel-pump control	√	√	√	√	√		
			VTC Valvetronic	√	√	√	√	√		
			VTC2 Valvetronic 2	√	√	√	√	√		
			VTG Transfer case	√	√	√	√	√		
		Chassis	AL Active steering	√	√	√	√	√		
			ARS Dynamic Drive	√	√	√	√	√		
			DSC Dynamic Stability Control	√	√	√	√	√		
			EDCSHL Damper satellite, rear left	√	√	√	√	√		
			EDCSHR Damper satellite, rear right	√	√	√	√	√		
			EDCSVL Damper satellite, front left	√	√	√	√	√		
			EDCSVR Damper satellite, front right	√	√	√	√	√		

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Menu				Functions						
Series	Chassis	Module	ECU System	Sys. Info.	Read code	Clear code	Data Stream	Actuation	Special Functions	Others
	E90/E91 /E92/E93		EHC Electronic Ride-Height Control	√	√	√	√	√		
			EMF Parking brake	√	√	√	√	√		
			RDC Tyre pressure control	√	√	√	√	√		
			VDM Vertical Dynamics Management	√	√	√	√	√		
			ACSM Crash Safety Module	√	√	√	√	√		
			AHM Trailer module	√	√	√	√	√		
			AMPH Hi-Fi amplifier	√	√	√	√	√		
			AMPT Top Hi-Fi amplifier	√	√	√	√	√		
			CA Comfort Access	√	√	√	√	√		
			CCC-A Applications	√	√	√	√	√		
			CCC-ANT Aerial tuner	√	√	√	√	√		
			CCC-ASK Audio system controller	√	√	√	√	√		
			CCC-BO User interface	√	√	√	√	√		
			CCC-GW Gateway	√	√	√	√	√		
			CDC CD Changer	√	√	√	√	√		
			CHAMP-BO User interface	√	√	√	√	√		
			CHAMP-GW Gateway	√	√	√	√	√		
			CID Central Information Display	√	√	√	√	√		
			CNAV Navigation system, China	√	√	√	√	√		
			CON Controller	√	√	√	√	√		
			DAB Digital tuner	√	√	√	√	√		
			DVD-C DVD Changer	√	√	√	√	√		
			FD Rear-compartment display	√	√	√	√	√		
			FKA Rear heater/air conditioning	√	√	√	√	√		
			FLA High Beam Assist	√	√	√	√	√		

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Series	Chassis	Module	ECU System	Sys. Info.	Read code	Clear code	Data Stream	Actuation	Special Functions	Others
		Body	FRM2 Footwell module 2	√	√	√	√	√		
			FZD Function centre, roof	√	√	√	√	√		
			HKL Rear-lid lift	√	√	√	√	√		
			HUD Head-Up Display	√	√	√	√	√		
			IBOC Digital tuner US	√	√	√	√	√		
			IHKA Integrated automatic heating/air conditioning	√	√	√	√	√		
			INSTR Instrument cluster	√	√	√	√	√		
			ument cluster	√	√	√	√	√		
			JBE2 Junction Box electronics 2	√	√	√	√	√		
			JNAV Navigation system, Japan	√	√	√	√	√		
			KHM Headphones moudule	√	√	√	√	√		
			KNAV Navigation system, Korea	√	√	√	√	√		
			M-ASK-BO User interface	√	√	√	√	√		
			M-ASK-GW Gateway	√	√	√	√	√		
			PDC Park Distance Control	√	√	√	√	√		
			RFK Reversing camera	√	√	√	√	√		
			RLSS Rain/light solar sensor	√	√	√	√	√		
			RSE Rear Seat Entertainment	√	√	√	√	√		
			SDARS satellite tuner	√	√	√	√	√		
			SINE Siren with tilt sensor	√	√	√	√	√		
			SMBF Seat module, passenger	√	√	√	√	√		
			SMFA Seat module, driver	√	√	√	√	√		
			TCU Telematic Control unit	√	√	√	√	√		
			ULF-SBX Interface box	√	√	√	√	√		
			ULF-SBX-H Interface box High	√	√	√	√	√		
			VM Video Module	√	√	√	√	√		
			VSW video switch	√	√	√	√	√		

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Series	Chassis	Module	ECU System	Sys. Info.	Read code	Clear code	Data Stream	Actuation	Special Functions	Others
		Short test		√	√	√				
		Coding / Program	Maintenance \ CBS Reset						1.Engine Oil 2.Microfilter 3.Front barke 4.Rear brake 5.Vehicle check 6.Spark plugs 7.Brake fluid 8.Vehicle inspection 9.Exhaust emission inspection 10.Diesel particle filter	
			Service functions						Adjustment, Steering-angle sensor	
		Driver	DME Digital Motor Electronics	√	√	√	√	√		
			EGS Transmission control	√	√	√	√	√		
			EWS (Elec. immobilize system)	√	√	√	√	√		
		Chassis	ABS Antilock brake	√	√	√	√	√		
			EHC/EDC (Signal-axle air suspension)	√	√	√	√	√		
			ADS Throttle-Valve Control	√	√	√	√	√		
			AHK (Active-Axle Kinematics)	√	√	√	√	√		
			CVM Convertible-top module	√	√	√	√	√		
			DWA Antitheft alarm system	√	√	√	√	√		
			EKM (Electronic Body Module)	√	√	√	√	√		
			EML (Elec. throttle)	√	√	√	√	√		
			FHK (Rear Heater A/C System)	√	√	√	√	√		

BMW V38.70 Diagnostics List (Note: For reference only)

Menu				Functions						
Series	Chassis	Module	ECU System	Sys. Info.	Read code	Clear code	Data Stream	Actuation	Special Functions	Others
	E28	Body	GR (Cruise control)	√	√	√	√	√		
			GSA (Closed-Loop-Controlled Differential-Lock AWD)	√	√	√	√	√		
			IHKA/IHKB (AC/heater)	√	√	√	√	√		
			IKE/IKI/KOMBI	√	√	√	√	√		
			LSZ/LCM (Light switching center)	√	√	√	√	√		
			MID (Multi Information Display)	√	√	√	√	√		
			PDC Park Distance Control	√	√	√	√	√		
			RAD (Radio)	√	√	√	√	√		
			SHD Sliding/tilting sunroof	√	√	√	√	√		
			SPM/SM	√	√	√	√	√		
			SRS (Air bag)	√	√	√	√	√		
			URS (Rollover sensor)	√	√	√	√	√		
			VMX (Top-speed Regulation)	√	√	√	√	√		
			VNC (Variable Camshaft Control)	√	√	√	√	√		
			XEN (XENON LIGHTS)	√	√	√	√	√		
			ZKE (Central body electronic)	√	√	√	√	√		
		Coding / Program	ZCS/FA Coding						1.Display Coding code and print	
			Service functions						1. Key Test 2. Display status of all keys 3. Disable/Enable key	
		Driver	DME Digital Motor Electronics	√	√	√	√	√		
			EGS Transmission control	√	√	√	√	√		
			EWS (Elec. immobilize system)	√	√	√	√	√		
			ABS Antilock brake	√	√	√	√	√		

BMW V38.70 Diagnostics List (Note: For reference only)

Menu				Functions						
Series	Chassis	Module	ECU System	Sys. Info.	Read code	Clear code	Data Stream	Actuation	Special Functions	Others
	E34	Chassis	EHC/EDC (Signal-axle air suspension)	√	√	√	√	√		
		Body	ADS Throttle-Valve Control	√	√	√	√	√		
			AHK (Active-Axle Kinematics)	√	√	√	√	√		
			CVM Convertible-top module	√	√	√	√	√		
			DWA Antitheft alarm system	√	√	√	√	√		
			EKM (Electronic Body Module)	√	√	√	√	√		
			EML (Elec. throttle)	√	√	√	√	√		
			FBK (Rear Heater A/C System)	√	√	√	√	√		
			GR (Cruise control)	√	√	√	√	√		
			GSA (Closed-Loop-Controlled Differential-Lock AWD)	√	√	√	√	√		
			IHKA/IHKB (AC/heater)	√	√	√	√	√		
			IKE/IKI/KOMBI	√	√	√	√	√		
			LSZ/LCM (Light switching center)	√	√	√	√	√		
			MID (Multi Information Display)	√	√	√	√	√		
			PDC Park Distance Control	√	√	√	√	√		
			RAD (Radio)	√	√	√	√	√		
			SHD Sliding/tilting sunroof	√	√	√	√	√		
			SPM/SM	√	√	√	√	√		
			SRS (Air bag)	√	√	√	√	√		
			URS (Rollover sensor)	√	√	√	√	√		
			VMX (Top-speed Regulation)	√	√	√	√	√		
			VNC (Variable Camshaft Control)	√	√	√	√	√		
			XEN (XENON LIGHTS)	√	√	√	√	√		
			ZKE (Central body electronic)	√	√	√	√	√		
			ZCS/FA Coding						1.Display Coding code and print	

BMW V38.70 Diagnostics List (Note: For reference only)

Menu				Functions						
Series	Chassis	Module	ECU System	Sys. Info.	Read code	Clear code	Data Stream	Actuation	Special Functions	Others
		Coding / Program	Service functions						1. Key Test 2. Display status of all keys 3. Disable/Enable key	
		Driver	DME Digital Motor Electronics	√	√	√	√	√		
			EGS Transmission control	√	√	√	√	√		
			EWS (Elec. immobilize system)	√	√	√	√	√		
		Chassis	ABS Antilock brake	√	√	√	√	√		
			EHC/EDC (Signal-axle air suspension)	√	√	√	√	√		
			LEW (Steering-angle sensor)	√	√	√	√	√		
			MFL (Multi-function steering wheel)	√	√	√	√	√		
		Body	AIC (Automatic Interval Control)	√	√	√	√	√		
			BM (On-board monitor)	√	√	√	√	√		
			GR (Cruise control)	√	√	√	√	√		
			IHKA/IHKB (AC/heater)	√	√	√	√	√		
			IKE/IKI/KOMBI	√	√	√	√	√		
			LSZ/LCM (Light switching center)	√	√	√	√	√		
			MID (Multi Information Display)	√	√	√	√	√		
			NAV Navigation system	√	√	√	√	√		
			PDC Park Distance Control	√	√	√	√	√		
			RAD (Radio)	√	√	√	√	√		
			SES (Language-input system)	√	√	√	√	√		
			SHD Sliding/tilting sunroof	√	√	√	√	√		
			SPM/SM	√	√	√	√	√		
			SRS (Air bag)	√	√	√	√	√		

BMW V38.70 Diagnostics List (Note:For reference only)

Menu				Functions						
Series	Chassis	Module	ECU System	Sys. Info.	Read code	Clear code	Data Stream	Actuation	Special Functions	Others
	E39		SZM (Switching center, center console)	√	√	√	√	√		
			VID (Video Module)	√	√	√	√	√		
			ZKE (Central body electronic)	√	√	√	√	√		
			ZCS/FA Coding						1.Display Coding code and print	
			ZCS/FA Coding \ Recoding						1.ABS 2.IHKA 3.LCM/LSZ 4.SRS 5.EWS	
			CAR MEMORY\LIGHTING\External lights\Daytime driving light						1.Active 2.Not active	
			CAR MEMORY\LIGHTING\External lights\Home lights						1.Not active 2.40 s 3.90 s 4.150 s 5.240 s	
			CAR MEMORY\LIGHTING\Interior lighting\ON during unlock						1.Active 2.Not active	
			CAR MEMORY\LIGHTING\Interior lighting\ON at terminal R off, light on beforehand						1.Active 2.Not active	
			CAR MEMORY\LIGHTING\Interior lighting\Soft ON/OFF						1.Active 2.Not active	

BMW V38.70 Diagnostics List (Note:For reference only)

Menu				Functions						
Series	Chassis	Module	ECU System	Sys. Info.	Read code	Clear code	Data Stream	Actuation	Special Functions	Others
5 Series		Coding / Program	CAR MEMORY\ANTI-THEFT SYSTEM\Interior lighting\Interior sensor						1.Active 2.Not active	
			CAR MEMORY\ANTI-THEFT SYSTEM\Interior lighting\Tilt alarm sensor						1.Active 2.Not active	
			CAR MEMORY\ANTI-THEFT SYSTEM\Interior lighting\Arm/disarm						1.remote control 2.locks and remote control	
			CAR MEMORY\ANTI-THEFT SYSTEM\Interior lighting\Acknowledge\Disarm visually						1.Active 2.Not active	
			CAR MEMORY\ANTI-THEFT SYSTEM\Interior lighting\Acknowledge\Arm visually						1.Active 2.Not active	
			CAR MEMORY\ANTI-THEFT SYSTEM\Interior lighting\Acknowledge\Arm visually, lids closed						1.Active 2.Not active	
			CAR MEMORY\CENTRAL LOCKING\RC interior light						1.Active 2.Not active	
			CAR MEMORY\CENTRAL LOCKING\Open luggage compartment via remote control						1.when disarmed 2.always	
			CAR MEMORY\CENTRAL LOCKING\Lock again 2 min after unlocking without opening						1.Active 2.Not active	

BMW V38.70 Diagnostics List (Note: For reference only)

Menu				Functions						
Series	Chassis	Module	ECU System	Sys. Info.	Read code	Clear code	Data Stream	Actuation	Special Functions	Others
			CAR MEMORY\CENTRAL LOCKING\Automatic locking after starting off						1.Active 2.Not active	
			CAR MEMORY\CENTRAL LOCKING\Centre lock button, when locked						1.Active 2.Not active	
			CAR MEMORY\CENTRAL LOCKING\Entrance aid						1.Active 2.Not active	
			Service functions						1. Key Test 2. Display status of all keys 3. Disable/Enable key	
		Driver	CAS Car Access System	√	√	√	√	√		
			DDE Diesel Electronics	√	√	√	√	√		
			DME Digital Motor Electronics	√	√	√	√	√		
			EGS Transmission control	√	√	√	√	√		
			EKPS Fuel-pump control	√	√	√	√	√		
			GWS Gear selector switch	√	√	√	√	√		
			SMG Sequential Manual Gearbox	√	√	√	√	√		
		Chassis	ACC Active Cruise Control	√	√	√	√	√		
			ACC2 Active Cruise Control 2	√	√	√	√	√		
			AL Active steering	√	√	√	√	√		
			ARS Dynamic Drive	√	√	√	√	√		
			DSC Dynamic Stability Control	√	√	√	√	√		
			DSC Dynamic Stability Control PLUS	√	√	√	√	√		
			DSC Dynamic Stability Control Premium	√	√	√	√	√		

BMW V38.70 Diagnostics List (Note: For reference only)

Menu				Functions						
Series	Chassis	Module	ECU System	Sys. Info.	Read code	Clear code	Data Stream	Actuation	Special Functions	Others
			EDC Damper Control	√	√	√	√	√		
			EHC Electronic Ride-Height Control	√	√	√	√	√		
			LDM Longitudinal Dynamics Management	√	√	√	√	√		
			LRR Long-range sensor	√	√	√	√	√		
			RDC Tyre pressure control	√	√	√	√	√		
			ACSM Crash Safety Module	√	√	√	√	√		
			AHL Adaptive directional headlights	√	√	√	√	√		
			AHM Trailer module	√	√	√	√	√		
			ALBBF active backrest width, front passenger	√	√	√	√	√		
			ALBFA active backrest width, driver	√	√	√	√	√		
			AMP Amplifier	√	√	√	√	√		
			CA Comfort Access	√	√	√	√	√		
			CCC-A Applications	√	√	√	√	√		
			CCC-ANT Aerial tuner	√	√	√	√	√		
			CCC-ASK Audio system controller	√	√	√	√	√		
			CCC-BO User interface	√	√	√	√	√		
			CCC-GW Gateway	√	√	√	√	√		
			CDC CD Changer	√	√	√	√	√		
			CHAMP-BO User interface	√	√	√	√	√		
			CHAMP-GW Gateway	√	√	√	√	√		
			CIC Car Information Computer	√	√	√	√	√		
			CIC GW Gateway	√	√	√	√	√		

BMW V38.70 Diagnostics List (Note: For reference only)

Menu				Functions						
Series	Chassis	Module	ECU System	Sys. Info.	Read code	Clear code	Data Stream	Actuation	Special Functions	Others
	E60/E61	Body	CID Central Information Display	√	√	√	√	√		
			CNAV Navigation system, China	√	√	√	√	√		
			CON Controller	√	√	√	√	√		
			DVD-C DVD Changer	√	√	√	√	√		
			DAB Digital tuner	√	√	√	√	√		
			DWA Antitheft alarm system	√	√	√	√	√		
			FD Rear-compartment display	√	√	√	√	√		
			FLA High Beam Assist	√	√	√	√	√		
			HKL Rear-lid lift	√	√	√	√	√		
			HUD Head-Up Display	√	√	√	√	√		
			IHKA Integrated automatic heating/air conditioning	√	√	√	√	√		
			IHKA2 Integrated automatic heating/air conditioning	√	√	√	√	√		
			INSTR Instrument cluster	√	√	√	√	√		
			ument cluster	√	√	√	√	√		
			JNAV Navigation system, Japan	√	√	√	√	√		
			KBM Body Basic Module	√	√	√	√	√		
			KGM Body Gateway Module	√	√	√	√	√		
			KHI Headset interface	√	√	√	√	√		
			KNAV Navigation system, Korea	√	√	√	√	√		
			LM2 AHL2 Light module 2 with adaptive headlight 2	√	√	√	√	√		
			LM2 Light Module 2	√	√	√	√	√		
			LM2 Light Module 2 with adaptive headlight	√	√	√	√	√		
			M-ASK-BO User interface	√	√	√	√	√		
			M-ASK-GW Gateway	√	√	√	√	√		

BMW V38.70 Diagnostics List (Note: For reference only)

Menu				Functions						
Series	Chassis	Module	ECU System	Sys. Info.	Read code	Clear code	Data Stream	Actuation	Special Functions	Others
			M-ASK-NAV Navigation system	√	√	√	√	√		
			MPM Micro-power module	√	√	√	√	√		
			NVE Night Vision Electronics	√	√	√	√	√		
			NVK Night Vision camera	√	√	√	√	√		
			PDC Park Distance Control	√	√	√	√	√		
			RLS Rain/Light Sensor	√	√	√	√	√		
			RLSS Rain/light solar sensor	√	√	√	√	√		
			SBSL Satellite, B-pillar, left	√	√	√	√	√		
			SBSR Satellite, B-pillar, right	√	√	√	√	√		
			SDARS satellite tuner	√	√	√	√	√		
			SFZ Satellite vehicle centre	√	√	√	√	√		
			SGM-SIM Safety and Gateway Module (SIM)	√	√	√	√	√		
			SGM-ZGM Safety and Gateway Module (ZGM)	√	√	√	√	√		
			SHD Sliding/tilting sunroof	√	√	√	√	√		
			SHZH Independent/auxiliary heater	√	√	√	√	√		
			SINE Siren with tilt sensor	√	√	√	√	√		
			SMBF Seat module, passenger	√	√	√	√	√		
			SMFA Seat module, driver	√	√	√	√	√		
			SVS Language processing system	√	√	√	√	√		
			SZL Switch center, steering column	√	√	√	√	√		
			SZL Steering column switch centre 2	√	√	√	√	√		

BMW V38.70 Diagnostics List (Note: For reference only)

Menu				Functions						
Series	Chassis	Module	ECU System	Sys. Info.	Read code	Clear code	Data Stream	Actuation	Special Functions	Others
			SZM/BZM Switching/Control center, center console	√	√	√	√	√		
			TCU Telematic Control unit	√	√	√	√	√		
			TLC Lane Departure Warning	√	√	√	√	√		
			TMBF Door module, front passenger	√	√	√	√	√		
			TMFA Door module, driver	√	√	√	√	√		
			ULF Universal charging and hands-free facility	√	√	√	√	√		
			ULF-SBX Interface box	√	√	√	√	√		
			ULF-SBX-H Interface box High	√	√	√	√	√		
			VM Video Module	√	√	√	√	√		
		Short test		√	√	√				
		Coding / Program	Maintenance \ CBS Reset						1.Engine Oil 2.Microfilter 3.Front barke 4.Rear brake 5.Vehicle check 6.Spark plugs 7.Brake fluid 8.Vehicle inspection 9.Exhaust emission inspection 10.Diesel particle filter	
			Service functions						Adjustment, Steering-angle sensor	
			DME Digital Motor Electronics	√	√	√	√	√		

BMW V38.70 Diagnostics List (Note:For reference only)

Menu				Functions						
Series	Chassis	Module	ECU System	Sys. Info.	Read code	Clear code	Data Stream	Actuation	Special Functions	Others
	E24	Driver	EGS Transmission control	√	√	√	√	√		
			EML (Elec. throttle)	√	√	√	√	√		
			GR (Cruise control)	√	√	√	√	√		
			EWS (Elec. immobilize system)	√	√	√	√	√		
		Chassis	ABS Antilock brake	√	√	√	√	√		
			ADS Throttle-Valve Control	√	√	√	√	√		
			EHC/EDC (Signal-axle air suspension)	√	√	√	√	√		
		Body	CVM Convertible-top module	√	√	√	√	√		
			DWA Antitheft alarm system	√	√	√	√	√		
			EKM (Electronic Body Module)	√	√	√	√	√		
			IHKA/IHKB (AC/heater)	√	√	√	√	√		
			IKE/IKI/KOMBI	√	√	√	√	√		
			LSZ/LCM (Light switching center)	√	√	√	√	√		
			MID (Multi Information Display)	√	√	√	√	√		
			PDC Park Distance Control	√	√	√	√	√		
			RAD (Radio)	√	√	√	√	√		
			SHD Sliding/tilting sunroof	√	√	√	√	√		
			SPM/SM	√	√	√	√	√		
			SRS (Air bag)	√	√	√	√	√		
			URS (Rollover sensor)	√	√	√	√	√		
			VMX (Top-speed Regulation)	√	√	√	√	√		
			VNC (Variable Camshaft Control)	√	√	√	√	√		
			XEN (XENON LIGHTS)	√	√	√	√	√		
			ZKE (Central body electronic)	√	√	√	√	√		
			ZCS/FA Coding						1.Display Coding code and print	

BMW V38.70 Diagnostics List (Note: For reference only)

Menu				Functions						
Series	Chassis	Module	ECU System	Sys. Info.	Read code	Clear code	Data Stream	Actuation	Special Functions	Others
		Coding / Program	Service functions						1. Key Test 2. Display status of all keys 3. Disable/Enable key	
		Driver	CAS Car Access System	√	√	√	√	√		
			DDE Diesel Electronics	√	√	√	√	√		
			DME Digital Motor Electronics	√	√	√	√	√		
			EGS Transmission control	√	√	√	√	√		
			EKPS Fuel-pump control	√	√	√	√	√		
			GWS Gear selector switch	√	√	√	√	√		
			SMG Sequential Manual Gearbox	√	√	√	√	√		
			VTC Valvetronic	√	√	√	√	√		
			VTC2 Valvetronic 2	√	√	√	√	√		
		Chassis	ACC2 Active Cruise Control 2	√	√	√	√	√		
			AL Active steering	√	√	√	√	√		
			ARS Dynamic Drive 2	√	√	√	√	√		
			DSC Dynamic Stability Control	√	√	√	√	√		
			DSC Dynamic Stability Control PLUS	√	√	√	√	√		
			DSC Dynamic Stability Control Premium	√	√	√	√	√		
			EDC Damper Control	√	√	√	√	√		
			LDM Longitudinal Dynamics Management	√	√	√	√	√		
			LRR Long-range sensor	√	√	√	√	√		
			RDC Tyre pressure control	√	√	√	√	√		
			ACSM Crash Safety Module	√	√	√	√	√		

BMW V38.70 Diagnostics List (Note: For reference only)

Menu				Functions						
Series	Chassis	Module	ECU System	Sys. Info.	Read code	Clear code	Data Stream	Actuation	Special Functions	Others
6 Series			AHL Adaptive directional headlights	√	√	√	√	√		
			AMP Amplifier	√	√	√	√	√		
			CA Comfort Access	√	√	√	√	√		
			CCC-A Applications	√	√	√	√	√		
			CCC-ANT Aerial tuner	√	√	√	√	√		
			CCC-ASK Audio system controller	√	√	√	√	√		
			CCC-BO User interface	√	√	√	√	√		
			CCC-GW Gateway	√	√	√	√	√		
			CDC CD Changer	√	√	√	√	√		
			CHAMP-BO User interface	√	√	√	√	√		
			CHAMP-GW Gateway	√	√	√	√	√		
			CID Central Information Display	√	√	√	√	√		
			CNAV Navigation system, China	√	√	√	√	√		
			CON Controller	√	√	√	√	√		
			CVM Convertible-top module	√	√	√	√	√		
			DAB Digital tuner	√	√	√	√	√		
			DVD-C DVD Changer	√	√	√	√	√		
			DWA Antitheft alarm system	√	√	√	√	√		
			FLA High Beam Assist	√	√	√	√	√		
			HUD Head-Up Display	√	√	√	√	√		
			IBOC Digital tuner US	√	√	√	√	√		
			IHKA Integrated automatic heating/air conditioning	√	√	√	√	√		
			IHKA2 Integrated automatic heating/air conditioning	√	√	√	√	√		
			INSTR Instrument cluster	√	√	√	√	√		

BMW V38.70 Diagnostics List (Note: For reference only)

Menu				Functions						
Series	Chassis	Module	ECU System	Sys. Info.	Read code	Clear code	Data Stream	Actuation	Special Functions	Others
	E63/E64	Body	Instrument cluster	√	√	√	√	√		
			JNAV Navigation system, Japan	√	√	√	√	√		
			KBM Body Basic Module	√	√	√	√	√		
			KGM Body Gateway Module	√	√	√	√	√		
			KNAV Navigation system, Korea	√	√	√	√	√		
			LM2 AHL2 Light module 2 with adaptive headlight 2	√	√	√	√	√		
			LM2 Light Module 2	√	√	√	√	√		
			LM2 Light Module 2 with adaptive headlight	√	√	√	√	√		
			M-ASK-BO User interface	√	√	√	√	√		
			M-ASK-GW Gateway	√	√	√	√	√		
			MPM Micro-power module	√	√	√	√	√		
			NVE Night Vision Electronics	√	√	√	√	√		
			NVK Night Vision camera	√	√	√	√	√		
			PDC Park Distance Control	√	√	√	√	√		
			RLS Rain/Light Sensor	√	√	√	√	√		
			RLSS Rain/light solar sensor	√	√	√	√	√		
			SBSL Satellite, B-pillar, left	√	√	√	√	√		
			SBSR Satellite, B-pillar, right	√	√	√	√	√		
			SDARS satellite tuner	√	√	√	√	√		
			SFZ Satellite vehicle centre	√	√	√	√	√		
			SGM-SIM Safety and Gateway Module (SIM)	√	√	√	√	√		
			SGM-ZGM Safety and Gateway Module (ZGM)	√	√	√	√	√		
			SHD Sliding/tilting sunroof	√	√	√	√	√		

BMW V38.70 Diagnostics List (Note: For reference only)

Menu				Functions						
Series	Chassis	Module	ECU System	Sys. Info.	Read code	Clear code	Data Stream	Actuation	Special Functions	Others
			SHZH Independent/auxiliary heater	√	√	√	√	√		
			SINE Siren with tilt sensor	√	√	√	√	√		
			SMBF Seat module, passenger	√	√	√	√	√		
			SMFA Seat module, driver	√	√	√	√	√		
			SVS Language processing system	√	√	√	√	√		
			SZL Switch center, steering column	√	√	√	√	√		
			SZL Steering column switch centre 2	√	√	√	√	√		
			SZM/BZM Switching/Control center, center console	√	√	√	√	√		
			TCU Telematic Control unit	√	√	√	√	√		
			TLC Lane Departure Warning	√	√	√	√	√		
			TMBF Door module, front passenger	√	√	√	√	√		
			TMFA Door module, driver	√	√	√	√	√		
			ULF Universal charging and hands-free facility	√	√	√	√	√		
			ULF-SBX Interface box	√	√	√	√	√		
			ULF-SBX-H Interface box High	√	√	√	√	√		
			VM Video Module	√	√	√	√	√		
		Short test		√	√	√				

BMW V38.70 Diagnostics List (Note:For reference only)

Menu				Functions						
Series	Chassis	Module	ECU System	Sys. Info.	Read code	Clear code	Data Stream	Actuation	Special Functions	Others
		Coding / Program	Maintenance \ CBS Reset						1.Engine Oil 2.Microfilter 3.Front barke 4.Rear brake 5.Vehicle check 6.Spark plugs 7.Brake fluid 8.Vehicle inspection 9.Exhaust emission inspection 10.Diesel particle filter	
			Service functions						Adjustment, Steering-angle sensor	
		Driver	DME Digital Motor Electronics	√	√	√	√	√		
			EGS Transmission control	√	√	√	√	√		
			EWS (Elec. immobilize system)	√	√	√	√	√		
		Chassis	ABS Antilock brake	√	√	√	√	√		
			EHC/EDC (Signal-axle air suspension)	√	√	√	√	√		
			ADS Throttle-Valve Control	√	√	√	√	√		
			AHK (Active-Axle Kinematics)	√	√	√	√	√		
			CVM Convertible-top module	√	√	√	√	√		
			DWA Antitheft alarm system	√	√	√	√	√		
			EKM (Electronic Body Module)	√	√	√	√	√		
			EML (Elec. throttle)	√	√	√	√	√		
			FBK (Rear Heater A/C System)	√	√	√	√	√		
			GR (Cruise control)	√	√	√	√	√		

BMW V38.70 Diagnostics List (Note: For reference only)

Menu				Functions						
Series	Chassis	Module	ECU System	Sys. Info.	Read code	Clear code	Data Stream	Actuation	Special Functions	Others
	E23	Body	GSA (Closed-Loop-Controlled Differential-Lock AWD)	√	√	√	√	√		
			IHKA/IHKB (AC/heater)	√	√	√	√	√		
			IKE/IKI/KOMBI	√	√	√	√	√		
			LSZ/LCM (Light switching center)	√	√	√	√	√		
			MID (Multi Information Display)	√	√	√	√	√		
			PDC Park Distance Control	√	√	√	√	√		
			RAD (Radio)	√	√	√	√	√		
			SHD Sliding/tilting sunroof	√	√	√	√	√		
			SPM/SM	√	√	√	√	√		
			SRS (Air bag)	√	√	√	√	√		
			URS (Rollover sensor)	√	√	√	√	√		
			VMX (Top-speed Regulation)	√	√	√	√	√		
			VNC (Variable Camshaft Control)	√	√	√	√	√		
			XEN (XENON LIGHTS)	√	√	√	√	√		
			ZKE (Central body electronic)	√	√	√	√	√		
		Coding / Program	ZCS/FA Coding						1.Display Coding code and print	
			Service functions						1. Key Test 2. Display status of all keys 3. Disable/Enable key	
		Driver	DME Digital Motor Electronics	√	√	√	√	√		
			EGS Transmission control	√	√	√	√	√		
			EWS (Elec. immobilize system)	√	√	√	√	√		
		Chassis	ABS Antilock brake	√	√	√	√	√		
			EHC/EDC (Signal-axle air suspension)	√	√	√	√	√		

BMW V38.70 Diagnostics List (Note: For reference only)

Menu				Functions						
Series	Chassis	Module	ECU System	Sys. Info.	Read code	Clear code	Data Stream	Actuation	Special Functions	Others
	E32	Body	ADS Throttle-Valve Control	√	√	√	√	√		
			AHK (Active-Axle Kinematics)	√	√	√	√	√		
			CVM Convertible-top module	√	√	√	√	√		
			DWA Antitheft alarm system	√	√	√	√	√		
			EKM (Electronic Body Module)	√	√	√	√	√		
			EML (Elec. throttle)	√	√	√	√	√		
			FHK (Rear Heater A/C System)	√	√	√	√	√		
			GR (Cruise control)	√	√	√	√	√		
			GSA (Closed-Loop-Controlled Differential-Lock AWD)	√	√	√	√	√		
			IHKA/IHKB (AC/heater)	√	√	√	√	√		
			IKE/IKI/KOMBI	√	√	√	√	√		
			LSZ/LCM (Light switching center)	√	√	√	√	√		
			MID (Multi Information Display)	√	√	√	√	√		
			PDC Park Distance Control	√	√	√	√	√		
			RAD (Radio)	√	√	√	√	√		
			SHD Sliding/tilting sunroof	√	√	√	√	√		
			SPM/SM	√	√	√	√	√		
			SRS (Air bag)	√	√	√	√	√		
			URS (Rollover sensor)	√	√	√	√	√		
			VMX (Top-speed Regulation)	√	√	√	√	√		
			VNC (Variable Camshaft Control)	√	√	√	√	√		
			XEN (XENON LIGHTS)	√	√	√	√	√		
			ZKE (Central body electronic)	√	√	√	√	√		
			ZCS/FA Coding						1.Display Coding code and print	

BMW V38.70 Diagnostics List (Note: For reference only)

Menu				Functions						
Series	Chassis	Module	ECU System	Sys. Info.	Read code	Clear code	Data Stream	Actuation	Special Functions	Others
		Coding / Program	Service functions						1. Key Test 2. Display status of all keys 3. Disable/Enable key	
		Driver	DME Digital Motor Electronics	√	√	√	√	√		
			EGS Transmission control	√	√	√	√	√		
			EWS (Elec. immobilize system)	√	√	√	√	√		
		Chassis	ABS Antilock brake	√	√	√	√	√		
			EHC/EDC (Signal-axle air suspension)	√	√	√	√	√		
			LEW (Steering-angle sensor)	√	√	√	√	√		
			MFL (Multi-function steering wheel)	√	√	√	√	√		
		Body	AIC (Automatic Interval Control)	√	√	√	√	√		
			BM (On-board monitor)	√	√	√	√	√		
			EML (Elec. throttle)	√	√	√	√	√		
			GR (Cruise control)	√	√	√	√	√		
			IHKA/IHKB (AC/heater)	√	√	√	√	√		
			IKE/IKI/KOMBI	√	√	√	√	√		
			LSZ/LCM (Light switching center)	√	√	√	√	√		
			MID (Multi Information Display)	√	√	√	√	√		
			NAV Navigation system	√	√	√	√	√		
			PDC Park Distance Control	√	√	√	√	√		
			RAD (Radio)	√	√	√	√	√		
			SES (Language-input system)	√	√	√	√	√		
			SHD Sliding/tilting sunroof	√	√	√	√	√		
			SPM/SM	√	√	√	√	√		
			SRS (Air bag)	√	√	√	√	√		

BMW V38.70 Diagnostics List (Note:For reference only)

Menu				Functions						
Series	Chassis	Module	ECU System	Sys. Info.	Read code	Clear code	Data Stream	Actuation	Special Functions	Others
	E38		SZM (Switching center, center console)	√	√	√	√	√		
			VID (Video Module)	√	√	√	√	√		
			ZKE (Central body electronic)	√	√	√	√	√		
			ZCS/FA Coding						1.Display Coding code and print	
			ZCS/FA Coding \ Recoding						1.ABS 2.LCM/LSZ 3.EWS	
			CAR MEMORY\LIGHTING\External lights\Daytime driving light						1.Active 2.Not active	
			CAR MEMORY\LIGHTING\External lights\Home lights						1.Not active 2.40 s 3.90 s 4.150 s 5.240 s	
			CAR MEMORY\LIGHTING\Interior lighting\ON during unlock						1.Active 2.Not active	
			CAR MEMORY\LIGHTING\Interior lighting\ON at terminal R off, light on beforehand						1.Active 2.Not active	
			CAR MEMORY\LIGHTING\Interior lighting\Soft ON/OFF						1.Active 2.Not active	
			CAR MEMORY\ANTI-THEFT SYSTEM\Interior lighting\Interior sensor						1.Active 2.Not active	

BMW V38.70 Diagnostics List (Note:For reference only)

Menu				Functions						
Series	Chassis	Module	ECU System	Sys. Info.	Read code	Clear code	Data Stream	Actuation	Special Functions	Others
7 Series		Coding / Program	CAR MEMORY\ANTI-THEFT SYSTEM\Interior lighting\Tilt alarm sensor						1.Active 2.Not active	
			CAR MEMORY\ANTI-THEFT SYSTEM\Interior lighting\Arm/disarm						1.remote control 2.locks and remote control	
			CAR MEMORY\ANTI-THEFT SYSTEM\Interior lighting\Acknowledge\Disarm visually						1.Active 2.Not active	
			CAR MEMORY\ANTI-THEFT SYSTEM\Interior lighting\Acknowledge\Arm visually						1.Active 2.Not active	
			CAR MEMORY\ANTI-THEFT SYSTEM\Interior lighting\Acknowledge\Arm visually, lids closed						1.Active 2.Not active	
			CAR MEMORY\CENTRAL LOCKING\RC interior light						1.Active 2.Not active	
			CAR MEMORY\CENTRAL LOCKING\Open luggage compartment via remote control						1.when disarmed 2.always	
			CAR MEMORY\CENTRAL LOCKING\Lock again 2 min after unlocking without opening						1.Active 2.Not active	
			CAR MEMORY\CENTRAL LOCKING\Automatic locking after starting off						1.Active 2.Not active	

BMW V38.70 Diagnostics List (Note: For reference only)

Menu				Functions						
Series	Chassis	Module	ECU System	Sys. Info.	Read code	Clear code	Data Stream	Actuation	Special Functions	Others
			CAR MEMORY\CENTRAL LOCKING\Centre lock button, when locked						1.Active 2.Not active	
			CAR MEMORY\CENTRAL LOCKING\Entrance aid						1.Active 2.Not active	
			Service functions						1. Key Test 2. Display status of all keys 3. Disable/Enable key	
		Driver	CAS Car Access System	√	√	√	√	√		
			DDE Diesel Electronics	√	√	√	√	√		
			DME Digital Motor Electronics	√	√	√	√	√		
			DME2 Digital Motor Electronics 2	√	√	√	√	√		
			EGS Transmission control	√	√	√	√	√		
			EKPS Fuel-pump control	√	√	√	√	√		
			VTC Valvetronic	√	√	√	√	√		
			VTC2 Valvetronic 2	√	√	√	√	√		
			VTC2 Valvetronic, bank 2	√	√	√	√	√		
		Chassis	ACC Active Cruise Control	√	√	√	√	√		
			ACC2 Active Cruise Control 2	√	√	√	√	√		
			ARS Dynamic Drive	√	√	√	√	√		
			ARS Dynamic Drive 2	√	√	√	√	√		
			CIM Chassis Integration Module	√	√	√	√	√		
			CIM2 Chassis Integration Module 2	√	√	√	√	√		
			DSC Dynamic Stability Control	√	√	√	√	√		
			EDC Damper Control	√	√	√	√	√		

BMW V38.70 Diagnostics List (Note:For reference only)

Menu				Functions						
Series	Chassis	Module	ECU System	Sys. Info.	Read code	Clear code	Data Stream	Actuation	Special Functions	Others
			EHC Electronic Ride-Height Control	√	√	√	√	√		
			EMF Parking brake	√	√	√	√	√		
			RDC Tyre pressure control	√	√	√	√	√		
			AHL Adaptive directional headlights	√	√	√	√	√		
			AHM Trailer module	√	√	√	√	√		
			AMP Amplifier	√	√	√	√	√		
			ANT Aerial/antenna tuner	√	√	√	√	√		
			ASK audio system controller	√	√	√	√	√		
			BZM Control centre, centre console	√	√	√	√	√		
			CA Comfort Access	√	√	√	√	√		
			CD Control Display	√	√	√	√	√		
			CD Control Display_GW	√	√	√	√	√		
			CEM Clean Energy Module	√	√	√	√	√		
			CDC CD Changer	√	√	√	√	√		
			CNAV Navigation system, China	√	√	√	√	√		
			CON Controller	√	√	√	√	√		
			DVD-C DVD Changer	√	√	√	√	√		
			DAB Digital tuner	√	√	√	√	√		
			DWA Antitheft alarm system	√	√	√	√	√		
			FBI Flexible Bus Interface	√	√	√	√	√		
			FBZM Rear compartment, control center, center console	√	√	√	√	√		
			FCON Rear Compartment controller	√	√	√	√	√		
			FD Rear-compartment display	√	√	√	√	√		

BMW V38.70 Diagnostics List (Note: For reference only)

Menu				Functions						
Series	Chassis	Module	ECU System	Sys. Info.	Read code	Clear code	Data Stream	Actuation	Special Functions	Others
	E65	Body	FKA Rear heater/air conditioning	√	√	√	√	√		
			FLA High Beam Assist	√	√	√	√	√		
			HKL Rear-lid lift	√	√	√	√	√		
			IBOC Digital tuner US	√	√	√	√	√		
			IHKA Integrated automatic heating/air conditioning	√	√	√	√	√		
			INSTR Instrument cluster	√	√	√	√	√		
			ument cluster	√	√	√	√	√		
			JNAV Navigation system, Japan	√	√	√	√	√		
			KHI Headset interface	√	√	√	√	√		
			KNAV Navigation system, Korea	√	√	√	√	√		
			LM Lights Module	√	√	√	√	√		
			LM2 AHL2 Light module 2 with adaptive headlight 2	√	√	√	√	√		
			LM2 Light Module 2	√	√	√	√	√		
			LM2 Light Module 2 with adpative headlight	√	√	√	√	√		
			NAV (Navigation system)	√	√	√	√	√		
			NVE Night Vision Electronics	√	√	√	√	√		
			NVK Night Vision camera	√	√	√	√	√		
			PDC Park Distance Control	√	√	√	√	√		
			PM Power Module	√	√	√	√	√		
			RLS Rain/Light Sensor	√	√	√	√	√		
			SASL Satellite, A-pillar, left	√	√	√	√	√		
			SASR Satellite, A-pillar, right	√	√	√	√	√		
			SBSL Satellite, B-pillar, left	√	√	√	√	√		
			SBSR Satellite, B-pillar, right	√	√	√	√	√		
			SDARS satellite tuner	√	√	√	√	√		

BMW V38.70 Diagnostics List (Note: For reference only)

Menu				Functions						
Series	Chassis	Module	ECU System	Sys. Info.	Read code	Clear code	Data Stream	Actuation	Special Functions	Others
			SEC Supplementary control module	√	√	√	√	√		
			SEC2 Supplementary control unit 2	√	√	√	√	√		
			SFZ Satellite vehicle centre	√	√	√	√			
			SG-FD Control module, rear-compartment	√	√	√	√	√		
			SG-FD-GW Control module, rear-compartment	√	√	√	√	√		
			SGM-SIM Safety and Gateway Module (SIM)	√	√	√	√	√		
			SHD Sliding/tilting sunroof	√	√	√	√	√		
			SHZH Independent/auxiliary heater	√	√	√	√	√		
			SIM Safety and Information Module	√	√	√	√	√		
			SINE Siren with tilt sensor	√	√	√	√	√		
			SMBF Seat module, passenger	√	√	√	√	√		
			SMFAH Seat module, driver's side rear	√	√	√	√	√		
			SMBFH Seat module, passenger's side rear	√	√	√	√	√		
			SSBF Satellite, seat, passenger	√	√	√	√			
			SSFA Satellite, seat, driver	√	√	√	√			
			SSH Satellite, seat, rear	√	√	√	√	√		
			STVL Satellite, door, front left	√	√	√	√	√		
			STVR Satellite, door, front right	√	√	√	√	√		

BMW V38.70 Diagnostics List (Note:For reference only)

Menu				Functions						
Series	Chassis	Module	ECU System	Sys. Info.	Read code	Clear code	Data Stream	Actuation	Special Functions	Others
			SVS Language processing system	√	√	√	√	√		
			TEL Telephone	√	√	√	√	√		
			TMBFH Door module, passenger's side rear	√	√	√	√	√		
			TMBFT Door module, passenger door	√	√	√	√	√		
			TMFAH Door module, driver's side rear	√	√	√	√	√		
			TMFAT Door module, driver's door	√	√	√	√	√		
			VM Video Module	√	√	√	√	√		
			SMFA Seat module, driver	√	√	√	√	√		
			TCU Telematic Control unit	√	√	√	√	√		
			WIM Wiper module	√	√	√	√	√		
			ZGM Central Gateway Module	√	√	√	√	√		
			ZBM Two-batery management	√	√	√	√	√		
		Short test		√	√	√				

BMW V38.70 Diagnostics List (Note: For reference only)

Menu				Functions						
Series	Chassis	Module	ECU System	Sys. Info.	Read code	Clear code	Data Stream	Actuation	Special Functions	Others
		Coding / Program	Maintenance \ CBS Reset						1.Engine Oil 2.Microfilter 3.Front barke 4.Rear brake 5.Vehicle check 6.Spark plugs 7.Brake fluid 8.Coolant 9.Vehicle inspection 10.Exhaust emission inspection 11.Diesel particle filter	
			Service functions						Adjustment, Steering-angle sensor	
		Driver	DME Digital Motor Electronics	√	√	√	√	√		
			EGS Transmission control	√	√	√	√	√		
			EWS (Elec. immobilize system)	√	√	√	√	√		
		Chassis	ABS Antilock brake	√	√	√	√	√		
			EHC/EDC (Signal-axle air suspension)	√	√	√	√	√		
			CVM Convertible-top module	√	√	√	√	√		
			DWA Antitheft alarm system	√	√	√	√	√		
			EKM (Electronic Body Module)	√	√	√	√	√		
			EML (Elec. throttle)	√	√	√	√	√		
			FHK (Rear Heater A/C System)	√	√	√	√	√		
			GR (Cruise control)	√	√	√	√	√		
			IHKA/IHKR (AC/heater)	√	√	√	√	√		
			IKE/IKI/KOMBI	√	√	√	√	√		

BMW V38.70 Diagnostics List (Note:For reference only)

Menu				Functions						
Series	Chassis	Module	ECU System	Sys. Info.	Read code	Clear code	Data Stream	Actuation	Special Functions	Others
8 Series	E31	Body	LSZ/LCM (Light switching center)	√	√	√	√	√		
			MID (Multi Information Display)	√	√	√	√	√		
			PDC Park Distance Control	√	√	√	√	√		
			RAD (Radio)	√	√	√	√	√		
			SHD Sliding/tilting sunroof	√	√	√	√	√		
			SPM/SM	√	√	√	√	√		
			SRS (Air bag)	√	√	√	√	√		
			URS (Rollover sensor)	√	√	√	√	√		
			VMX (Top-speed Regulation)	√	√	√	√	√		
			VNC (Variable Camshaft Control)	√	√	√	√	√		
			XEN (XENON LIGHTS)	√	√	√	√	√		
			ZKE (Central body electronic)	√	√	√	√	√		
		Coding / Program	ZCS/FA Coding						1.Display Coding code and print	
			Service functions						1. Key Test 2. Display status of all keys 3. Disable/Enable key	
		Driver	DME Digital Motor Electronics	√	√	√	√	√		
			EGS Transmission control	√	√	√	√	√		
			EWS (Elec. immobilize system)	√	√	√	√	√		
			VTG Transfer case	√	√	√	√	√		
		Chassis	ABS Antilock brake	√	√	√	√	√		
			LEW (Steering-angle sensor)	√	√	√	√	√		
			MFL (Multi-function steering wheel)	√	√	√	√	√		
			AIC (Automatic Interval Control)	√	√	√	√	√		
			CID Central Information Display	√	√	√	√	√		

BMW V38.70 Diagnostics List (Note:For reference only)

Menu				Functions						
Series	Chassis	Module	ECU System	Sys. Info.	Read code	Clear code	Data Stream	Actuation	Special Functions	Others
	X3-E83	Body	IHKA/IHKR (AC/heater)	√	√	√	√	√		
			IKE/IKI/KOMBI	√	√	√	√	√		
			LSZ/LCM (Light switching center)	√	√	√	√	√		
			PDC Park Distance Control	√	√	√	√	√		
			RAD (Radio)	√	√	√	√	√		
			SMF (Seat memory,driver)	√	√	√	√	√		
			SRS (Air bag)	√	√	√	√	√		
			VID (Video Module)	√	√	√	√	√		
			ZKE (Central body electronic)	√	√	√	√	√		
		Coding / Program	ZCS/FA Coding						1.Display Coding code and print	
			Service functions						1. Key Test 2. Display status of all keys 3. Disable/Enable key	
		Driver	DME Digital Motor Electronics	√	√	√	√	√		
			EGS Transmission control	√	√	√	√	√		
			EWS (Elec. immobilize system)	√	√	√	√	√		
		Chassis	ABS Antilock brake	√	√	√	√	√		
			EHC/EDC (Signal-axle air suspension)	√	√	√	√	√		
			LEW (Steering-angle sensor)	√	√	√	√	√		
			MFL (Multi-function steering wheel)	√	√	√	√	√		
			AIC (Automatic Interval Control)	√	√	√	√	√		
			BIT (Basis Interface Telephone)	√	√	√	√	√		
			BM (On-board monitor)	√	√	√	√	√		
			GR (Cruise control)	√	√	√	√	√		

BMW V38.70 Diagnostics List (Note:For reference only)

Menu				Functions						
Series	Chassis	Module	ECU System	Sys. Info.	Read code	Clear code	Data Stream	Actuation	Special Functions	Others
	X5-E53	Body	IHKA/IHKR (AC/heater)	√	√	√	√	√		
			IKE/IKI/KOMBI	√	√	√	√	√		
			LSZ/LCM (Light switching center)	√	√	√	√	√		
			NAV Navigation system	√	√	√	√	√		
			PDC Park Distance Control	√	√	√	√	√		
			RAD (Radio)	√	√	√	√	√		
			SES (Language-input system)	√	√	√	√	√		
			SHD Sliding/tilting sunroof	√	√	√	√	√		
			SPM/SM	√	√	√	√	√		
			SRS (Air bag)	√	√	√	√	√		
			SZM (Switching center, center console)	√	√	√	√	√		
			VID (Video Module)	√	√	√	√	√		
			ZKE (Central body electronic)	√	√	√	√	√		
		Coding / Program	ZCS/FA Coding						1.Display Coding code and print	
			ZCS/FA Coding \ Recoding						1.ABS 2.LCM/LSZ	
			Service functions						1. Key Test 2. Display status of all keys 3. Disable/Enable key	
		Driver	CAS Car Access System	√	√	√	√	√		
			DDE Diesel Electronics	√	√	√	√	√		
			DME Digital Motor Electronics	√	√	√	√	√		
			EGS Transmission control	√	√	√	√	√		
			GWS Gear selector switch	√	√	√	√	√		
			EKPS Fuel-pump control	√	√	√	√	√		

BMW V38.70 Diagnostics List (Note: For reference only)

Menu				Functions						
Series	Chassis	Module	ECU System	Sys. Info.	Read code	Clear code	Data Stream	Actuation	Special Functions	Others
			VTC Valvetronic	√	√	√	√	√		
			VTC2 Valvetronic 2	√	√	√	√	√		
			VTG Transfer case	√	√	√	√	√		
		Chassis	AL Active steering	√	√	√	√	√		
			ARS Dynamic Drive	√	√	√	√	√		
			DSC Dynamic Stability Control	√	√	√	√	√		
			EDCSHL Damper satellite, rear left	√	√	√	√	√		
			EDCSHR Damper satellite, rear right	√	√	√	√	√		
			EDCSVL Damper satellite, front left	√	√	√	√	√		
			EDCSVR Damper satellite, front right	√	√	√	√	√		
			EHC Electronic Ride-Height Control	√	√	√	√	√		
			EMF Parking brake	√	√	√	√	√		
			RDC Tyre pressure control	√	√	√	√	√		
			VDM Vertical Dynamics Management	√	√	√	√	√		
			ACSM Crash Safety Module	√	√	√	√	√		
			AHM Trailer module	√	√	√	√	√		
			AMPH Hi-Fi amplifier	√	√	√	√	√		
			AMPT Top Hi-Fi amplifier	√	√	√	√	√		
			CA Comfort Access	√	√	√	√	√		
			CCC-A Applications	√	√	√	√	√		
			CCC-ANT Aerial tuner	√	√	√	√	√		

BMW V38.70 Diagnostics List (Note: For reference only)

Menu				Functions						
Series	Chassis	Module	ECU System	Sys. Info.	Read code	Clear code	Data Stream	Actuation	Special Functions	Others
X Series	X5-E70	Body	CCC-ASK Audio system controller	√	√	√	√	√		
			CCC-BO User interface	√	√	√	√	√		
			CCC-GW Gateway	√	√	√	√	√		
			CDC CD Changer	√	√	√	√	√		
			CHAMP-BO User interface	√	√	√	√	√		
			CHAMP-GW Gateway	√	√	√	√	√		
			CID Central Information Display	√	√	√	√	√		
			CNAV Navigation system, China	√	√	√	√	√		
			CON Controller	√	√	√	√	√		
			DAB Digital tuner	√	√	√	√	√		
			DVD-C DVD Changer	√	√	√	√	√		
			FD Rear-compartment display	√	√	√	√	√		
			FKA Rear heater/air conditioning	√	√	√	√	√		
			FLA High Beam Assist	√	√	√	√	√		
			FRM2 Footwell module 2	√	√	√	√	√		
			FZD Function centre, roof	√	√	√	√	√		
			HKL Rear-lid lift	√	√	√	√	√		
			HUD Head-Up Display	√	√	√	√	√		
			IBOC Digital tuner US	√	√	√	√	√		
			IHKA Integrated automatic heating/air conditioning	√	√	√	√	√		
			INSTR Instrument cluster	√	√	√	√	√		
			ument cluster	√	√	√	√	√		
			JBE2 Junction Box electronics 2	√	√	√	√	√		
			JNAV Navigation system, Japan	√	√	√	√	√		
			KHM Headphones moudule	√	√	√	√	√		
			KNAV Navigation system, Korea	√	√	√	√	√		

BMW V38.70 Diagnostics List (Note:For reference only)

Menu				Functions						
Series	Chassis	Module	ECU System	Sys. Info.	Read code	Clear code	Data Stream	Actuation	Special Functions	Others
			M-ASK-BO User interface	√	√	√	√	√		
			M-ASK-GW Gateway	√	√	√	√	√		
			PDC Park Distance Control	√	√	√	√	√		
			RFK Reversing camera	√	√	√	√	√		
			RLSS Rain/light solar sensor	√	√	√	√	√		
			RSE Rear Seat Entertainment	√	√	√	√	√		
			SDARS satellite tuner	√	√	√	√	√		
			SINE Siren with tilt sensor	√	√	√	√	√		
			SMBF Seat module, passenger	√	√	√	√	√		
			SMFA Seat module, driver	√	√	√	√	√		
			TCU Telematic Control unit	√	√	√	√	√		
			ULF-SBX Interface box	√	√	√	√	√		
			ULF-SBX-H Interface box High	√	√	√	√	√		
			VM Video Module	√	√	√	√	√		
			VSW video switch	√	√	√	√	√		
		Short test		√	√	√				
		Coding / Program	Maintenance \ CBS Reset						1.Engine Oil 2.Microfilter 3.Front barke 4.Rear brake 5.Vehicle check 6.Spark plugs 7.Brake fluid 8.Vehicle inspection 9.Exhaust emission inspection 10.Diesel particle filter	

BMW V38.70 Diagnostics List (Note: For reference only)

Menu				Functions						
Series	Chassis	Module	ECU System	Sys. Info.	Read code	Clear code	Data Stream	Actuation	Special Functions	Others
			Service functions						Adjustment, Steering-angle sensor	
			CAS Car Access System	√	√	√	√	√		
			DDE Diesel Electronics	√	√	√	√	√		
			DME Digital Motor Electronics	√	√	√	√	√		
			EGS Transmission control	√	√	√	√	√		
			GWS Gear selector switch	√	√	√	√	√		
			EKPS Fuel-pump control	√	√	√	√	√		
			Rolling-moment distribution, rear	√	√	√	√	√		
			VTG Transfer case	√	√	√	√	√		
		Chassis	AL Active steering	√	√	√	√	√		
			ARS Dynamic Drive	√	√	√	√	√		
			DSC Dynamic Stability Control	√	√	√	√	√		
			EDCSHL Damper satellite, rear left	√	√	√	√	√		
			EDCSHR Damper satellite, rear right	√	√	√	√	√		
			EDCSVL Damper satellite, front left	√	√	√	√	√		
			EDCSVR Damper satellite, front right	√	√	√	√	√		
			EHC Electronic Ride-Height Control	√	√	√	√	√		
			EMF Parking brake	√	√	√	√	√		
			Integrated Chassis Management	√	√	√	√	√		
			RDC Tyre pressure control	√	√	√	√	√		
			VDM Vertical Dynamics Management	√	√	√	√	√		
			ACSM Crash Safety Module	√	√	√	√	√		

BMW V38.70 Diagnostics List (Note: For reference only)

Menu				Functions						
Series	Chassis	Module	ECU System	Sys. Info.	Read code	Clear code	Data Stream	Actuation	Special Functions	Others
	X6-E71	Body	AHM Trailer module	√	√	√	√	√		
			AMPH Hi-Fi amplifier	√	√	√	√	√		
			AMPT Top Hi-Fi amplifier	√	√	√	√	√		
			CA Comfort Access	√	√	√	√	√		
			CCC-A Applications	√	√	√	√	√		
			CCC-ANT Aerial tuner	√	√	√	√	√		
			CCC-ASK Audio system controller	√	√	√	√	√		
			CCC-BO User interface	√	√	√	√	√		
			CCC-GW Gateway	√	√	√	√	√		
			CDC CD Changer	√	√	√	√	√		
			CHAMP-BO User interface	√	√	√	√	√		
			CHAMP-GW Gateway	√	√	√	√	√		
			CID Central Information Display	√	√	√	√	√		
			CNAV Navigation system, China	√	√	√	√	√		
			CON Controller	√	√	√	√	√		
			DAB Digital tuner	√	√	√	√	√		
			DVD-C DVD Changer	√	√	√	√	√		
			FD Rear-compartment display	√	√	√	√	√		
			FKA Rear heater/air conditioning	√	√	√	√	√		
			FLA High Beam Assist	√	√	√	√	√		
			FRM2 Footwell module 2	√	√	√	√	√		
			FZD Function centre, roof	√	√	√	√	√		
			HKL Rear-lid lift	√	√	√	√	√		
			HUD Head-Up Display	√	√	√	√	√		
			IBOC Digital tuner US	√	√	√	√	√		
			IHKA Integrated automatic heating/air conditioning	√	√	√	√	√		

BMW V38.70 Diagnostics List (Note: For reference only)

Menu				Functions						
Series	Chassis	Module	ECU System	Sys. Info.	Read code	Clear code	Data Stream	Actuation	Special Functions	Others
			INSTR Instrument cluster	√	√	√	√	√		
			ument cluster	√	√	√	√	√		
			JBE2 Junction Box electronics 2	√	√	√	√	√		
			JNAV Navigation system, Japan	√	√	√	√	√		
			KHI Headset interface	√	√	√	√	√		
			KNAV Navigation system, Korea	√	√	√	√	√		
			M-ASK-BO User interface	√	√	√	√	√		
			M-ASK-GW Gateway	√	√	√	√	√		
			PDC Park Distance Control	√	√	√	√	√		
			RFK Reversing camera	√	√	√	√	√		
			RLSS Rain/light solar sensor	√	√	√	√	√		
			RSE Rear Seat Entertainment	√	√	√	√	√		
			SDARS satellite tuner	√	√	√	√	√		
			SINE Siren with tilt sensor	√	√	√	√	√		
			SMBF Seat module, passenger	√	√	√	√	√		
			SMFA Seat module, driver	√	√	√	√	√		
			TCU Telematic Control unit	√	√	√	√	√		
			ULF-SBX Interface box	√	√	√	√	√		
			ULF-SBX-H Interface box High	√	√	√	√	√		
			VM Video Module	√	√	√	√	√		
			VSW video switch	√	√	√	√	√		
		Short test		√	√	√				

BMW V38.70 Diagnostics List (Note: For reference only)

Menu				Functions						
Series	Chassis	Module	ECU System	Sys. Info.	Read code	Clear code	Data Stream	Actuation	Special Functions	Others
		Coding / Program	Maintenance \ CBS Reset						1.Engine Oil 2.Microfilter 3.Front barke 4.Rear brake 5.Vehicle check 6.Spark plugs 7.Brake fluid 8.Vehicle inspection 9.Exhaust emission inspection 10.Diesel particle filter	
			Service functions						Adjustment, Steering-angle sensor	
		Driver	DME Digital Motor Electronics	√	√	√	√	√		
			EGS Transmission control	√	√	√	√	√		
			EWS (Elec. immobilize system)	√	√	√	√	√		
		Chassis	ABS Antilock brake	√	√	√	√	√		
			EHC/EDC (Signal-axle air suspension)	√	√	√	√	√		
			ADS Throttle-Valve Control	√	√	√	√	√		
			AHK (Active-Axle Kinematics)	√	√	√	√	√		
			CVM Convertible-top module	√	√	√	√	√		
			DWA Antitheft alarm system	√	√	√	√	√		
			EKM (Electronic Body Module)	√	√	√	√	√		
			EML (Elec. throttle)	√	√	√	√	√		
			FHK (Rear Heater A/C System)	√	√	√	√	√		
			GR (Cruise control)	√	√	√	√	√		

BMW V38.70 Diagnostics List (Note: For reference only)

Menu				Functions						
Series	Chassis	Module	ECU System	Sys. Info.	Read code	Clear code	Data Stream	Actuation	Special Functions	Others
	Z1-E30	Body	GSA (Closed-Loop-Controlled Differential-Lock AWD)	√	√	√	√	√		
			IHKA/IHKB (AC/heater)	√	√	√	√	√		
			IKE/IKI/KOMBI	√	√	√	√	√		
			LSZ/LCM (Light switching center)	√	√	√	√	√		
			MID (Multi Information Display)	√	√	√	√	√		
			PDC Park Distance Control	√	√	√	√	√		
			RAD (Radio)	√	√	√	√	√		
			SHD Sliding/tilting sunroof	√	√	√	√	√		
			SPM/SM	√	√	√	√	√		
			SRS (Air bag)	√	√	√	√	√		
			URS (Rollover sensor)	√	√	√	√	√		
			VMX (Top-speed Regulation)	√	√	√	√	√		
			VNC (Variable Camshaft Control)	√	√	√	√	√		
			XEN (XENON LIGHTS)	√	√	√	√	√		
			ZKE (Central body electronic)	√	√	√	√	√		
		Coding / Program	ZCS/FA Coding						1.Display Coding code and print	
			Service functions						1. Key Test 2. Display status of all keys 3. Disable/Enable key	
		Driver	DME Digital Motor Electronics	√	√	√	√	√		
			EGS Transmission control	√	√	√	√	√		
			EWS (Elec. immobilize system)	√	√	√	√	√		
		Chassis	ABS Antilock brake	√	√	√	√	√		
			EHC/EDC (Signal-axle air suspension)	√	√	√	√	√		

BMW V38.70 Diagnostics List (Note: For reference only)

Menu				Functions						
Series	Chassis	Module	ECU System	Sys. Info.	Read code	Clear code	Data Stream	Actuation	Special Functions	Others
		Body	ADS Throttle-Valve Control	√	√	√	√	√		
			AHK (Active-Axle Kinematics)	√	√	√	√	√		
			CVM Convertible-top module	√	√	√	√	√		
			DWA Antitheft alarm system	√	√	√	√	√		
			EKM (Electronic Body Module)	√	√	√	√	√		
			EML (Elec. throttle)	√	√	√	√	√		
			FHK (Rear Heater A/C System)	√	√	√	√	√		
			GR (Cruise control)	√	√	√	√	√		
			GSA (Closed-Loop-Controlled Differential-Lock AWD)	√	√	√	√	√		
			IHKA/IHKB (AC/heater)	√	√	√	√	√		
			IKE/IKI/KOMBI	√	√	√	√	√		
			LSZ/LCM (Light switching center)	√	√	√	√	√		
			MID (Multi Information Display)	√	√	√	√	√		
			PDC Park Distance Control	√	√	√	√	√		
			RAD (Radio)	√	√	√	√	√		
			SHD Sliding/tilting sunroof	√	√	√	√	√		
			SPM/SM	√	√	√	√	√		
			SRS (Air bag)	√	√	√	√	√		
			URS (Rollover sensor)	√	√	√	√	√		
			VMX (Top-speed Regulation)	√	√	√	√	√		
			VNC (Variable Camshaft Control)	√	√	√	√	√		
			XEN (XENON LIGHTS)	√	√	√	√	√		
			ZKE (Central body electronic)	√	√	√	√	√		
			ZCS/FA Coding						1.Display Coding code and print	

BMW V38.70 Diagnostics List (Note:For reference only)

Menu				Functions						
Series	Chassis	Module	ECU System	Sys. Info.	Read code	Clear code	Data Stream	Actuation	Special Functions	Others
	Z3-E36	Coding / Program	CAR MEMORY\LIGHTING\External lights\Daytime driving light						1.Active 2.Not active	
			CAR MEMORY\LIGHTING\External lights\Home lights						1.Not active 2.40 s 3.90 s 4.150 s 5.240 s	
			CAR MEMORY\LIGHTING\Interior lighting\ON during unlock						1.Active 2.Not active	
			CAR MEMORY\LIGHTING\Interior lighting\ON at terminal R off, light on beforehand						1.Active 2.Not active	
			CAR MEMORY\LIGHTING\Interior lighting\Soft ON/OFF						1.Active 2.Not active	
			CAR MEMORY\ANTI-THEFT SYSTEM\Interior lighting\Interior sensor						1.Active 2.Not active	
			CAR MEMORY\ANTI-THEFT SYSTEM\Interior lighting\Tilt alarm sensor						1.Active 2.Not active	
			CAR MEMORY\ANTI-THEFT SYSTEM\Interior lighting\Arm/disarm						1.remote control 2.locks and remote control	
			CAR MEMORY\ANTI-THEFT SYSTEM\Interior lighting\Acknowledge\Disarm visually						1.Active 2.Not active	

BMW V38.70 Diagnostics List (Note: For reference only)

Menu				Functions						
Series	Chassis	Module	ECU System	Sys. Info.	Read code	Clear code	Data Stream	Actuation	Special Functions	Others
Z Series			CAR MEMORY\ANTI-THEFT SYSTEM\Interior lighting\Acknowledge\Arm visually						1.Active 2.Not active	
			CAR MEMORY\ANTI-THEFT SYSTEM\Interior lighting\Acknowledge\Arm visually, lids closed						1.Active 2.Not active	
			CAR MEMORY\CENTRAL LOCKING\RC interior light						1.Active 2.Not active	
			CAR MEMORY\CENTRAL LOCKING\Open luggage compartment via remote control						1.when disarmed 2.always	
			CAR MEMORY\CENTRAL LOCKING\Lock again 2 min after unlocking without opening						1.Active 2.Not active	
			CAR MEMORY\CENTRAL LOCKING\Automatic locking after starting off						1.Active 2.Not active	
			CAR MEMORY\CENTRAL LOCKING\Centre lock button, when locked						1.Active 2.Not active	
			CAR MEMORY\CENTRAL LOCKING\Entrance aid						1.Active 2.Not active	
			Service functions						1. Key Test 2. Display status of all keys 3. Disable/Enable key	
			DME Digital Motor Electronics	√	√	√	√	√		

BMW V38.70 Diagnostics List (Note: For reference only)

Menu				Functions						
Series	Chassis	Module	ECU System	Sys. Info.	Read code	Clear code	Data Stream	Actuation	Special Functions	Others
	Z4-E85/E86	Driver	EGS Transmission control	√	√	√	√	√		
			EWS (Elec. immobilize system)	√	√	√	√	√		
		Chassis	ABS Antilock brake	√	√	√	√	√		
			EPS Electronic Power Steering	√	√	√	√	√		
			LEW (Steering-angle sensor)	√	√	√	√	√		
		Body	AIC (Automatic Interval Control)	√	√	√	√	√		
			CID Central Information Display	√	√	√	√	√		
			CVM Convertible-top module	√	√	√	√	√		
			IHKA/IHKB (AC/heater)	√	√	√	√	√		
			IKE/IKI/KOMBI	√	√	√	√	√		
			LSZ/LCM (Light switching center)	√	√	√	√	√		
			PDC Park Distance Control	√	√	√	√	√		
			RAD (Radio)	√	√	√	√	√		
			SBSL Satellite, B-pillar, left	√	√	√	√	√		
			SBSR Satellite, B-pillar, right	√	√	√	√	√		
			SIM Safety and Information Module	√	√	√	√	√		
			SMF (Seat memory, driver)	√	√	√	√	√		
			SZM (Switching center, center console)	√	√	√	√	√		
			VID (Video Module)	√	√	√	√	√		
			ZKE (Central body electronic)	√	√	√	√	√		
		Coding / Program	ZCS/FA Coding						1. Display Coding code and print	
			Service functions						1. Key Test 2. Display status of all keys 3. Disable/Enable key	

BMW V38.70 Diagnostics List (Note: For reference only)

Menu				Functions						
Series	Chassis	Module	ECU System	Sys. Info.	Read code	Clear code	Data Stream	Actuation	Special Functions	Others
		Driver	CAS Car Access System	√	√	√	√	√		
			DME Digital Motor Electronics	√	√	√	√	√		
			DKG Twin-clutch gearbox	√	√	√	√	√		
			EGS Transmission control	√	√	√	√	√		
			EKPS Fuel-pump control	√	√	√	√	√		
			GWS Gear selector switch	√	√	√	√	√		
		Chassis	DSC Dynamic Stability Control	√	√	√	√	√		
			EDC Damper Control	√	√	√	√	√		
			EMF Parking brake	√	√	√	√	√		
			EPS Electronic Power Steering	√	√	√	√	√		
			RDC Tyre pressure control	√	√	√	√	√		
			AMP Amplifier	√	√	√	√	√		
			CA Comfort Access	√	√	√	√	√		
			CDC CD Changer	√	√	√	√	√		
			CIC Car Inforamtion Computer	√	√	√	√	√		
			CIC-GW Gateway	√	√	√	√	√		
			CID Central Information Display	√	√	√	√	√		
			CON Controller	√	√	√	√	√		
			CTM Convertible-top module	√	√	√	√	√		
			DAB Digital tuner	√	√	√	√	√		
			DVD-C DVD Changer	√	√	√	√	√		
			DWA Antitheft alarm system	√	√	√	√	√		
			FLA High Beam Assist	√	√	√	√	√		
			FRM2 Footwell module 2	√	√	√	√	√		
			FZD Function centre, roof	√	√	√	√	√		
			IHR Integrated heater control	√	√	√	√	√		
			IHKR Interagted heating/air-conditioning regulation	√	√	√	√	√		

BMW V38.70 Diagnostics List (Note: For reference only)

Menu				Functions						
Series	Chassis	Module	ECU System	Sys. Info.	Read code	Clear code	Data Stream	Actuation	Special Functions	Others
	Z4-E89	Body	IHKA Integrated automatic heating/air conditioning	√	√	√	√	√		
			INSTR Instrument cluster	√	√	√	√	√		
			ument cluster	√	√	√	√	√		
			JBE2 Junction Box electronics 2	√	√	√	√	√		
			M-ASK-BO User interface	√	√	√	√	√		
			M-ASK-GW Gateway	√	√	√	√	√		
			MRS Multiple Restraint system	√	√	√	√	√		
			NAV Navigation system	√	√	√	√	√		
			PDC Park Distance Control	√	√	√	√	√		
			RAD Radio	√	√	√	√	√		
			RAD2-BO User interface	√	√	√	√	√		
			RAD2-GW Gateway	√	√	√	√	√		
			RLSS Rain/light solar sensor	√	√	√	√	√		
			SINE Siren with tilt sensor	√	√	√	√	√		
			SMFA Seat module, driver	√	√	√	√	√		
			TCU Telematic Control unit	√	√	√	√	√		
			ULF Universal charging and hands-free facility	√	√	√	√	√		
			ULF-SBX Interface box	√	√	√	√	√		
			ULF-SBX-H Interface box High	√	√	√	√	√		
			VM Video Module	√	√	√	√	√		
		Short test		√	√	√				

BMW V38.70 Diagnostics List (Note:For reference only)

Menu				Functions						
Series	Chassis	Module	ECU System	Sys. Info.	Read code	Clear code	Data Stream	Actuation	Special Functions	Others
		Coding / Program	Maintenance \ CBS Reset						1.Engine Oil 2.Microfilter 3.Front barke 4.Rear brake 5.Vehicle check 6.Spark plugs 7.Brake fluid 8.Vehicle inspection 9.Exhaust emission inspection 10.Diesel particle filter	
Z8-E52		Driver	DME Digital Motor Electronics	√	√	√	√	√		
			EGS Transmission control	√	√	√	√	√		
			EWS (Elec. immobilize system)	√	√	√	√	√		
		Chassis	ABS Antilock brake	√	√	√	√	√		
			LEW (Steering-angle sensor)	√	√	√	√	√		
			RDC (Tyre pressure control)	√	√	√	√	√		
		Body	IHKA/IHKR (AC/heater)	√	√	√	√	√		
			IKE/IKI/KOMBI	√	√	√	√	√		
			RAD (Radio)	√	√	√	√	√		
			SRS (Air bag)	√	√	√	√	√		
			URS (Rollover sensor)	√	√	√	√	√		
			ZKE (Central body electronic)	√	√	√	√	√		
		Short test								
			ZCS/FA Coding						1.Display Coding code and print	

BMW V38.70 Diagnostics List (Note: For reference only)

Menu				Functions						
Series	Chassis	Module	ECU System	Sys. Info.	Read code	Clear code	Data Stream	Actuation	Special Functions	Others
		Coding / Program	Service functions						1. Key Test 2. Display status of all keys 3. Disable/Enable key	
	MINI-R50/R52/R53	Driver	DME Digital Motor Electronics	√	√	√	√	√		
			EGS Transmission control	√	√	√	√	√		
			EWS (Elec. immobilize system)	√	√	√	√	√		
		Chassis	ABS Antilock brake	√	√	√	√	√		
			LEW (Steering-angle sensor)	√	√	√	√	√		
			RDC (Tyre pressure control)	√	√	√	√	√		
		Body	AIC (Automatic Interval Control)	√	√	√	√	√		
			BM (On-board monitor)	√	√	√	√	√		
			IHKA/IHKB (AC/heater)	√	√	√	√	√		
			IKE/IKI/KOMBI	√	√	√	√	√		
			LSZ/LCM (Light switching center)	√	√	√	√	√		
			PDC Park Distance Control	√	√	√	√	√		
			RAD (Radio)	√	√	√	√	√		
			SRS (Air bag)	√	√	√	√	√		
			URS (Rollover sensor)	√	√	√	√	√		
			ZKE (Central body electronic)	√	√	√	√	√		
		Coding / Program	ZCS/FA Coding						1. Display Coding code and print	
			Service functions						1. Key Test 2. Display status of all keys 3. Disable/Enable key	
		Driver	CAS Car Access System	√	√	√	√	√		
			DME Digital Motor Electronics	√	√	√	√	√		

BMW V38.70 Diagnostics List (Note: For reference only)

Menu				Functions						
Series	Chassis	Module	ECU System	Sys. Info.	Read code	Clear code	Data Stream	Actuation	Special Functions	Others
MINI	MINI-R55/R56	Driver	EGS Transmission control	√	√	√	√	√		
			EPS Electronic Power Steering	√	√	√	√	√		
		Chassis	ABS/ACS/DSC Dynamic Stability Control	√	√	√	√	√		
			RDC Tyre pressure control	√	√	√	√	√		
		Body	AHM Trailer module	√	√	√	√	√		
			AMP Hi-Fi amplifier	√	√	√	√	√		
			CA Comfort Access	√	√	√	√	√		
			CCC-A Applications	√	√	√	√	√		
			CCC-ANT Aerial tuner	√	√	√	√	√		
			CCC-ASK Audio system controller	√	√	√	√	√		
			CCC-BO User interface	√	√	√	√	√		
			CCC-GW Gateway	√	√	√	√	√		
			CDC CD Changer	√	√	√	√	√		
			CID Central Information Display	√	√	√	√	√		
			CVM Convertible-top module	√	√	√	√	√		
			DAB Digital tuner	√	√	√	√	√		
			FRM Footwell Module	√	√	√	√	√		
			IBOC Digital tuner US	√	√	√	√	√		
			IHKA Integrated automatic heating/air conditioning	√	√	√	√	√		
			IHKS Intergrated heating/air-conditioning control	√	√	√	√	√		
			IHS Integrated heating control	√	√	√	√	√		
			INSTR Instrument cluster	√	√	√	√	√		
			ument cluster	√	√	√	√	√		
			JBE Junction-box electronics	√	√	√	√	√		

BMW V38.70 Diagnostics List (Note:For reference only)

Menu				Functions						
Series	Chassis	Module	ECU System	Sys. Info.	Read code	Clear code	Data Stream	Actuation	Special Functions	Others
	R50/R52		JNAV Navigation system, Japan	√	√	√	√	√		
			MJOY MINI joystick	√	√	√	√	√		
			MRS Multiple Restraint system	√	√	√	√	√		
			PDC Park Distance Control	√	√	√	√	√		
			RAD Radio	√	√	√	√	√		
			RAD2-BO User interface	√	√	√	√	√		
			RAD2-GW Gateway	√	√	√	√	√		
			SDARS satellite tuner	√	√	√	√	√		
			SHD Sliding/tilting sunroof	√	√	√	√	√		
			SZL Switch center, steering column	√	√	√	√	√		
			ULF-SBX Interface box	√	√	√	√	√		
			ULF-SBX-H Interface box High	√	√	√	√	√		
			VM Video Module	√	√	√	√	√		
		Short test		√	√	√				
		Coding / Program	Maintenance \ CBS Reset						1.Engine Oil 2.Microfilter 3.Front barke 4.Rear brake 5.Vehicle check 6.Spark plugs 7.Brake fluid 8.Vehicle inspection 9.Exhaust emission inspection 10.Diesel particle filter	

BMW V38.70 Diagnostics List												(Note:For reference only)	
Menu				Functions									
Series	Chassis	Module	ECU System	Sys. Info.	Read code	Clear code	Data Stream	Actuation	Special Functions	Others			
			Service functions						Adjustment, Steering-angle sensor				
(*) :Tested; (?) :Manual on website(www.x431.com) Note:All description rights reserved by LAUNCH TECH.CO.,LTD													

CONNEC TOR	X431	DIAGUN
BMW-20	The year before 2000, you can easy to find the 20-pin round socket in engine compartment. And some BMW with two socket, please use the 20-pin one.	N/A
BMW-16	The year after 2000, and before 2007, there are only one OBDII socket in cab without CAN bus diagnosis.	N/A
CAN BUS II	The year after 2007, there are only one OBDII socket in cab with CAN bus diagnosis.	N/A
diagun connector	N/A	
SUPER 16	ALL OBDII socket.	N/A